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IMAGERY
ANALYSIS
DIVISION

PIR

PHOTOGRAPHIC INTELLIGENCE REPORT

VITAL RECORDS COPY

STATUS OF NORTH VIETNAMESE RAILROADS

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Declass Review by NIMA/DOD

Report No. 12
CIA/PIR 75045

DATE October 1966



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WARNING

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PREFACE

This report summarizes significant items of photo intelligence relating to the North Vietnamese railroad system which has been developed from available photography (received by the CIA Imagery Analysis Division) during the period indicated on the cover. This report is intended to provide a comprehensive view of the railroad system and does not necessarily reflect the most recent status changes as reported by pilots' reports or field photo intelligence cables.

The railroad system has been broken down into 5 major lines: the Hanoi/Lao Cai Line, the Hanoi/Dong Dang Line, the Hanoi/Haiphong Line, the Hanoi/Dong Hoi Line and the Thai Nguyen Line (Figure I). Annotated maps and photos are used to show the status of each line.

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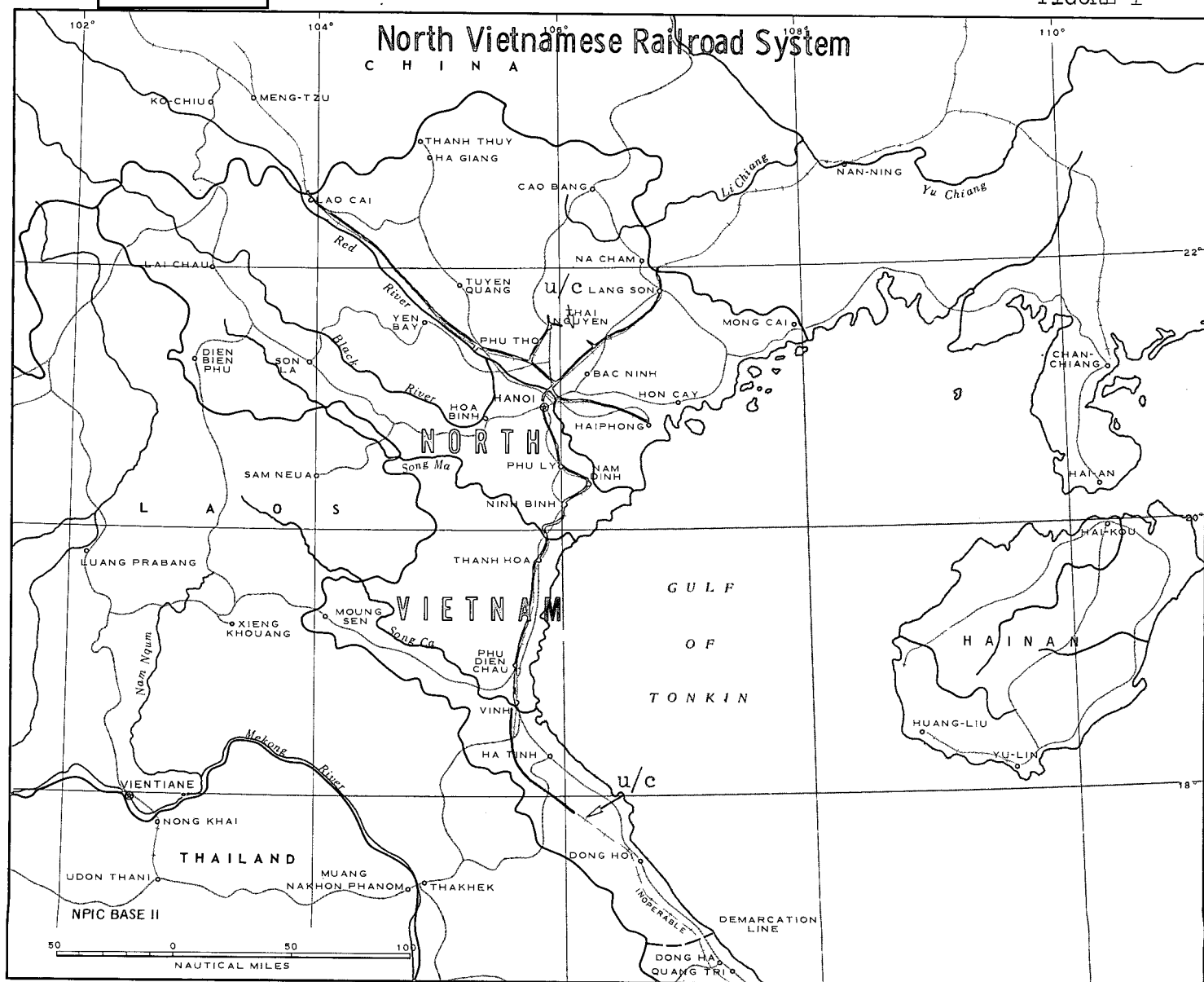
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Approved For Release 2003/03/04 : CIA-RDP78T05161A001200010027-7

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FIGURE 1



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SUMMARY

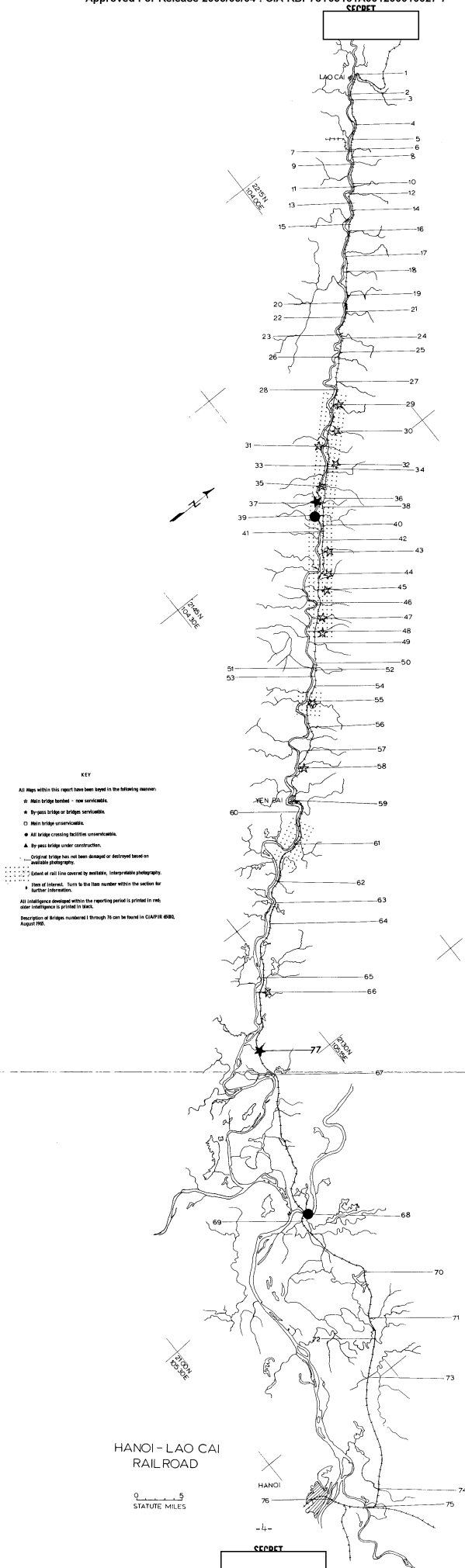
Those segments of the Hanoi/Lao Cai, Hanoi/Dong Dang, and Thai Nguyen Rail Lines covered by interpretable photography were open to through traffic. Construction is proceeding at a rapid pace on the Thai Nguyen Line. The Hanoi/Dong Hoi Line is now interdicted in fifteen places.

CONTENTS

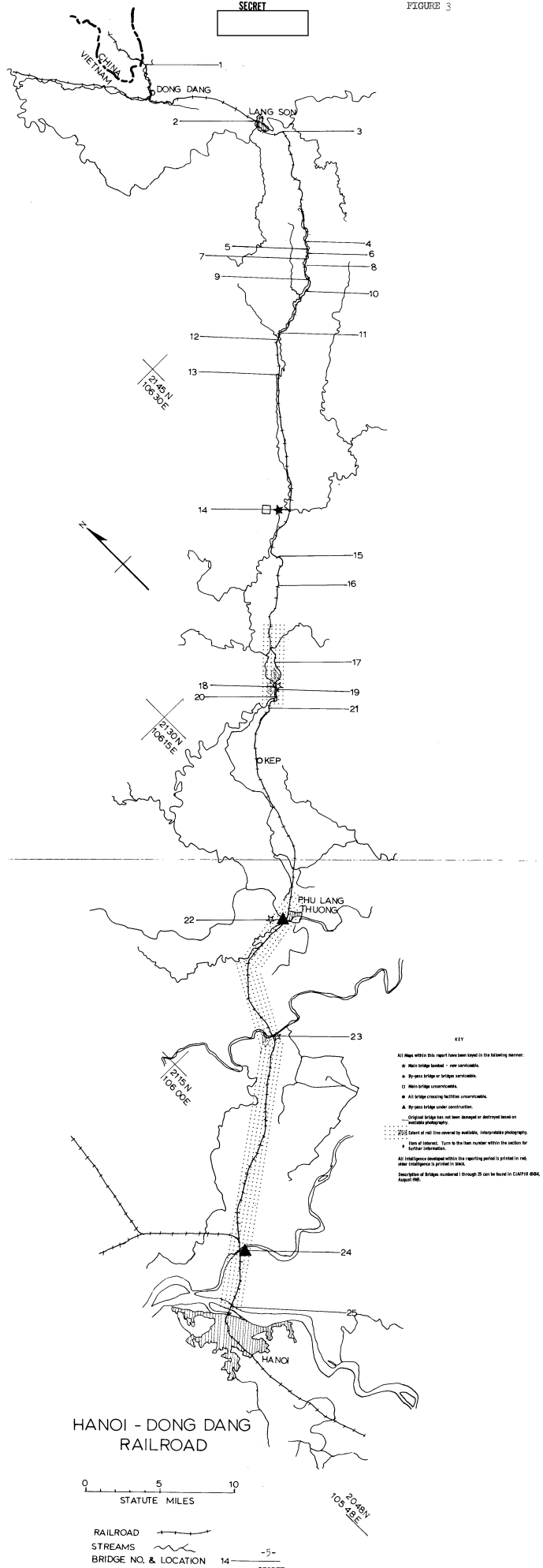
Hanoi/Lao Cai Line	Page 4
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Hanoi/Haiphong Line	13
Thai Nguyen Line	14

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HANOI - DONG DANG
RAILROAD

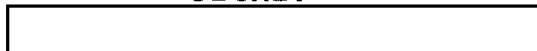
RAILROAD 

STREAMS

BRIDGE NO. & LOCATION

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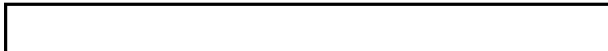
CIA IMAGERY ANALYSIS DIVISION

ITEM OF INTEREST NO. 1: Hanoi/Dong Dang Rail Line

NAME : Transloading Area

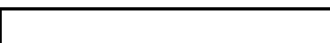
BE : NA

COORDINATES : 21 12N - 106 06E, XJ 137449

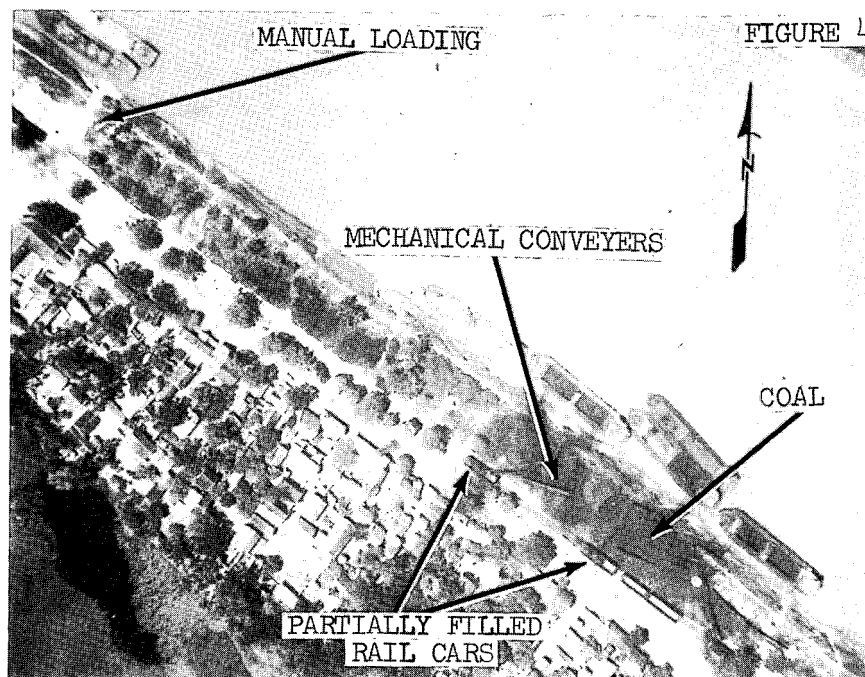
PHOTO REFERENCE : 

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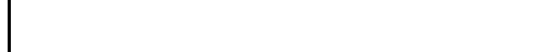
MAP REFERENCE : JOG (A) 1501, NE 48-11

Photography  reveals a coal transloading area east of the Dap Cau Railroad Bridge at 21 12N - 106 06E. A rail spur leaves the main line south of the bridge and proceeds eastward along the river to the transloading point. Coal is being transferred both mechanically and manually from coal barges to waiting gondola cars.

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ITEM OF INTEREST NO. 2: Hanoi/Dong Dang Rail Line

NAME : Bombed Railroad Yard

BE : NA

COORDINATES : 21 28N - 106 23E, XJ 432747

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PHOTO REFERENCE :

MAP REFERENCE : JOG (A) 1501, NF 48-11

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Photography [] reveals that 3 tracks of a 4-track, dual-gauge railroad yard have been interdicted. The 4th track remains serviceable. There are 9 pieces of rolling stock and a locomotive with tender in the yard. Two gondola cars and 3 boxcars appear derailed. The remaining rolling stock is undamaged.

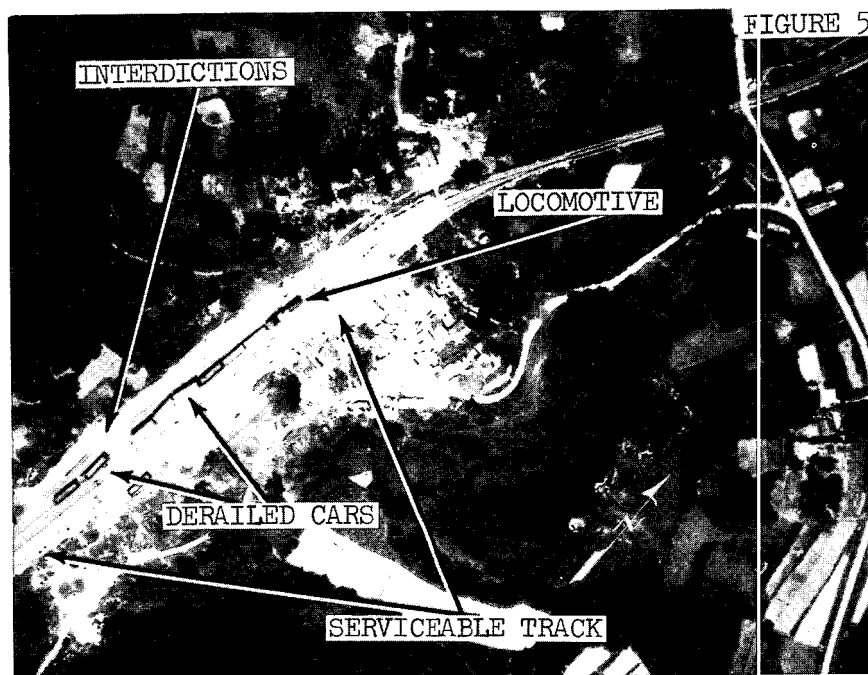


FIGURE 5

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ITEM OF INTEREST NO. 3: Hanoi/Dong Dang Rail Line

NAME : Moving Train

BE : NA

COORDINATES : 21 30N - 106 25E, XJ 471782

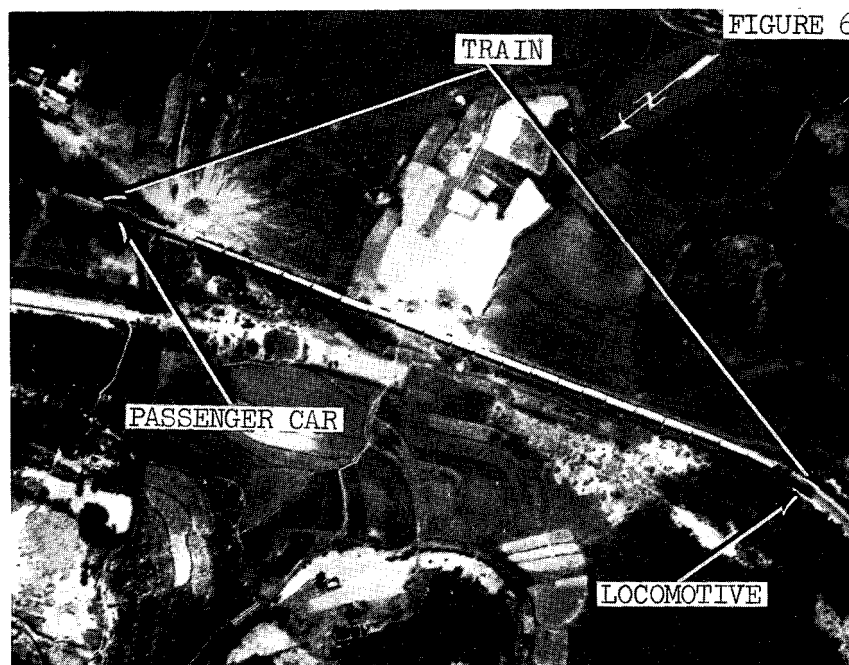
PHOTO REFERENCE :

MAP REFERENCE : JOG (A) 1501, NF 48-11

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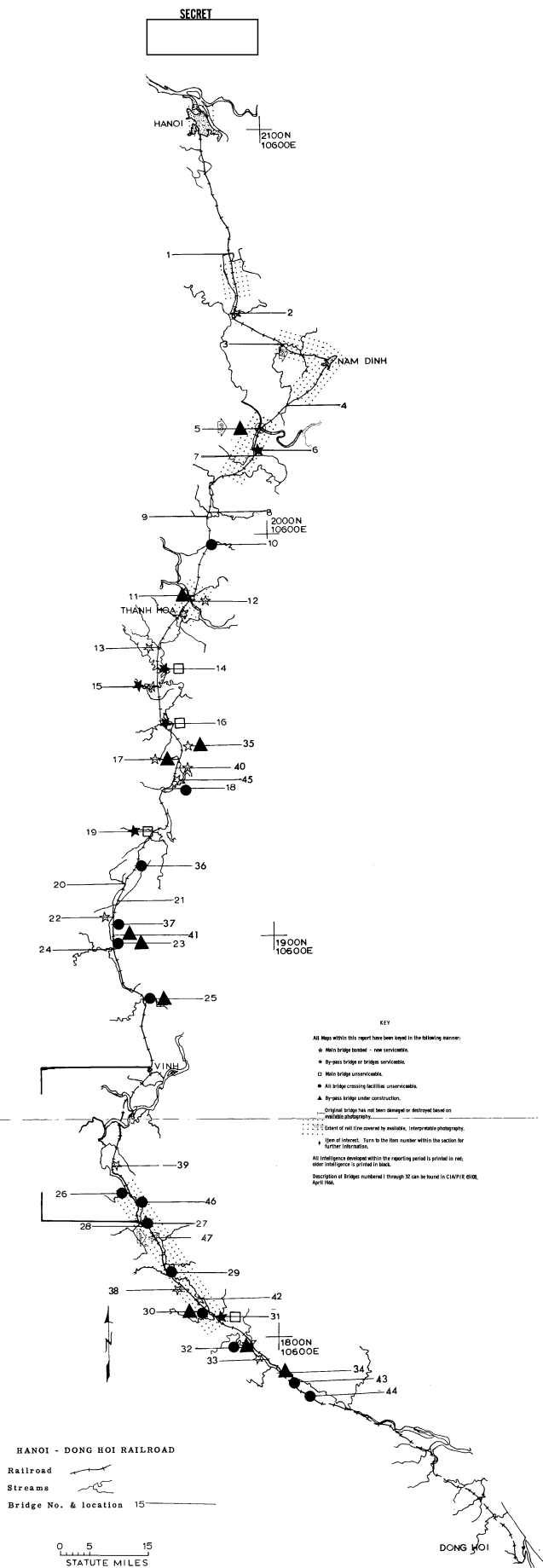
Photography [] reveals a 24-car train moving slowly southward on the dual-gauge section of the Hanoi/Dong Dang Line. The rolling stock appears to be meter-gauge. The train consists of a locomotive and tender, 21 boxcars, 2 probable flatcars, and 1 passenger car.

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ITEM OF INTEREST NO. 1: Hanoi/Dong Hoi Rail Line

NAME : Xom Bo RR. Bridge

BE : NA

COORDINATES : 18 15N - 105 40E, WF 717189

PHOTO REFERENCE :

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MAP REFERENCE : JOG (A) 1501, NE 48-7

Photography [] reveals that the Xom Bo Railroad Bridge is serviceable. A damaged span has been repaired by the addition of reinforcing piers.

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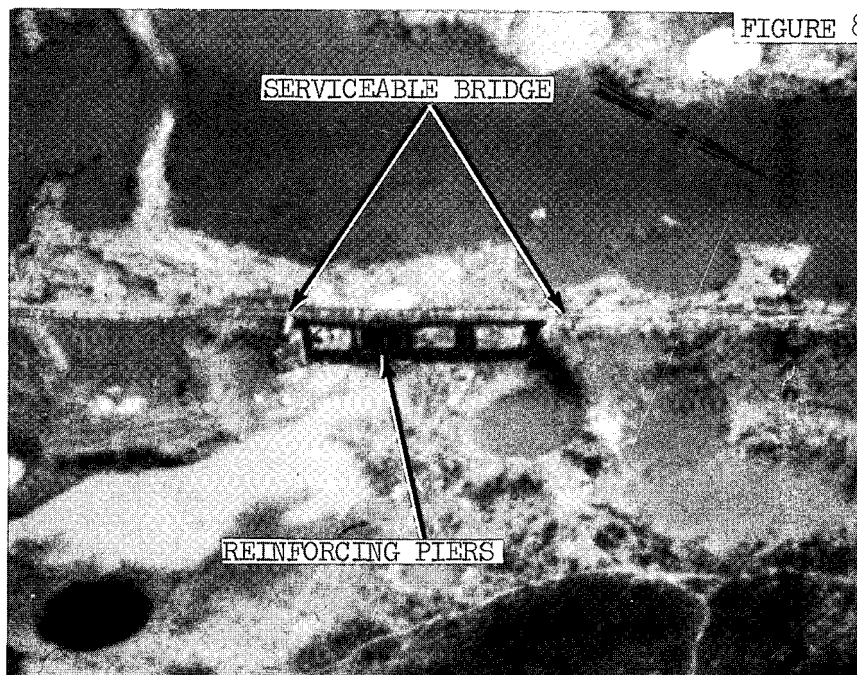


FIGURE 8

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ITEM OF INTEREST NO. 2: Hanoi/Dong Hoi Rail Line

NAME : Ninh Binh RR. and Highway Bridge

BE :

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COORDINATES : 20 15N - 105 59E, XH 030405

PHOTO REFERENCE :

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MAP REFERENCE : JOG (A) 1501, NF 48-15

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Photography [] reveals that the Ninh Binh Railroad and Highway Bridge is unserviceable. Three spans and 1 pier have been destroyed and 1 pier has been damaged. Construction continues on an adjacent by-pass bridge.

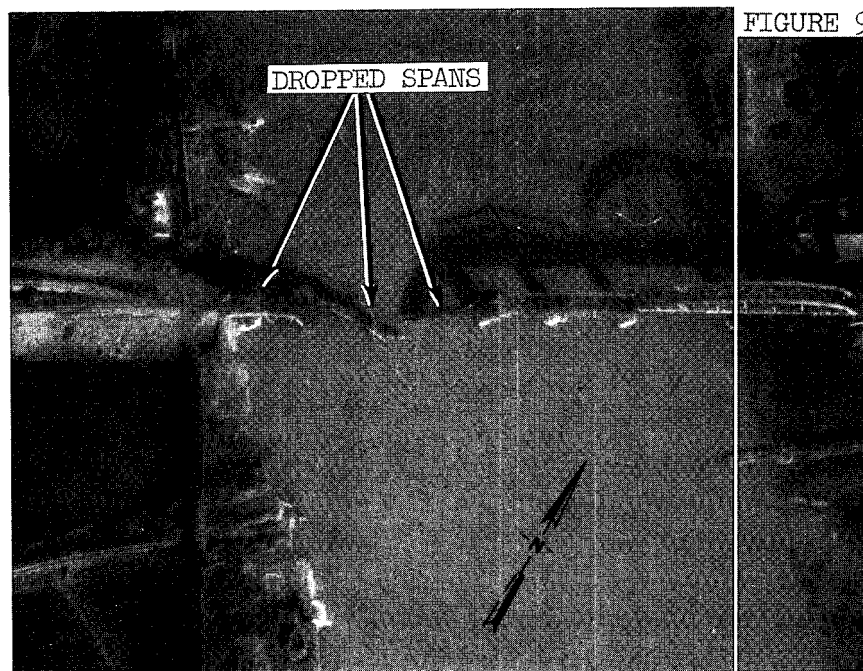


FIGURE 9

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ITEM OF INTEREST NO. 3: Hanoi/Dong Hoi Rail Line

NAME : Rolling Stock

BE : NA

COORDINATES : 20 27N - 106 04E, XH 114618

PHOTO REFERENCE :

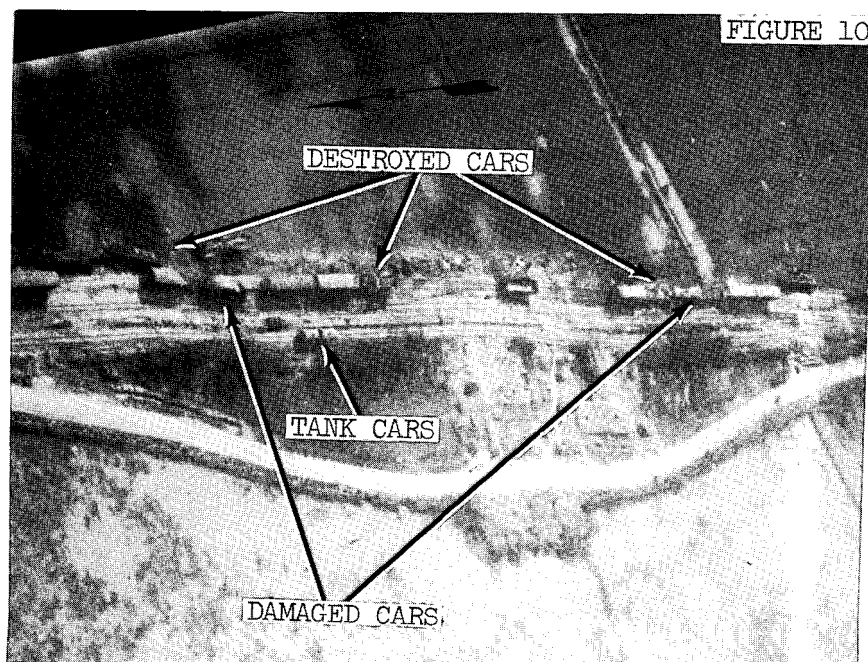
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MAP REFERENCE : JOG (A) 1501, NF 48-15

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Photography [] reveals the presence of 19 units of rolling stock on a rail siding 6 nm west of Nam Dinh. Analysis of bomb damage to the rolling stock is as follows:

<u>Type</u>	<u>Destroyed</u>	<u>Damaged</u>	<u>Undamaged</u>
Passenger	4		1
Box	3	3	5
Tank			2
Gondola			1

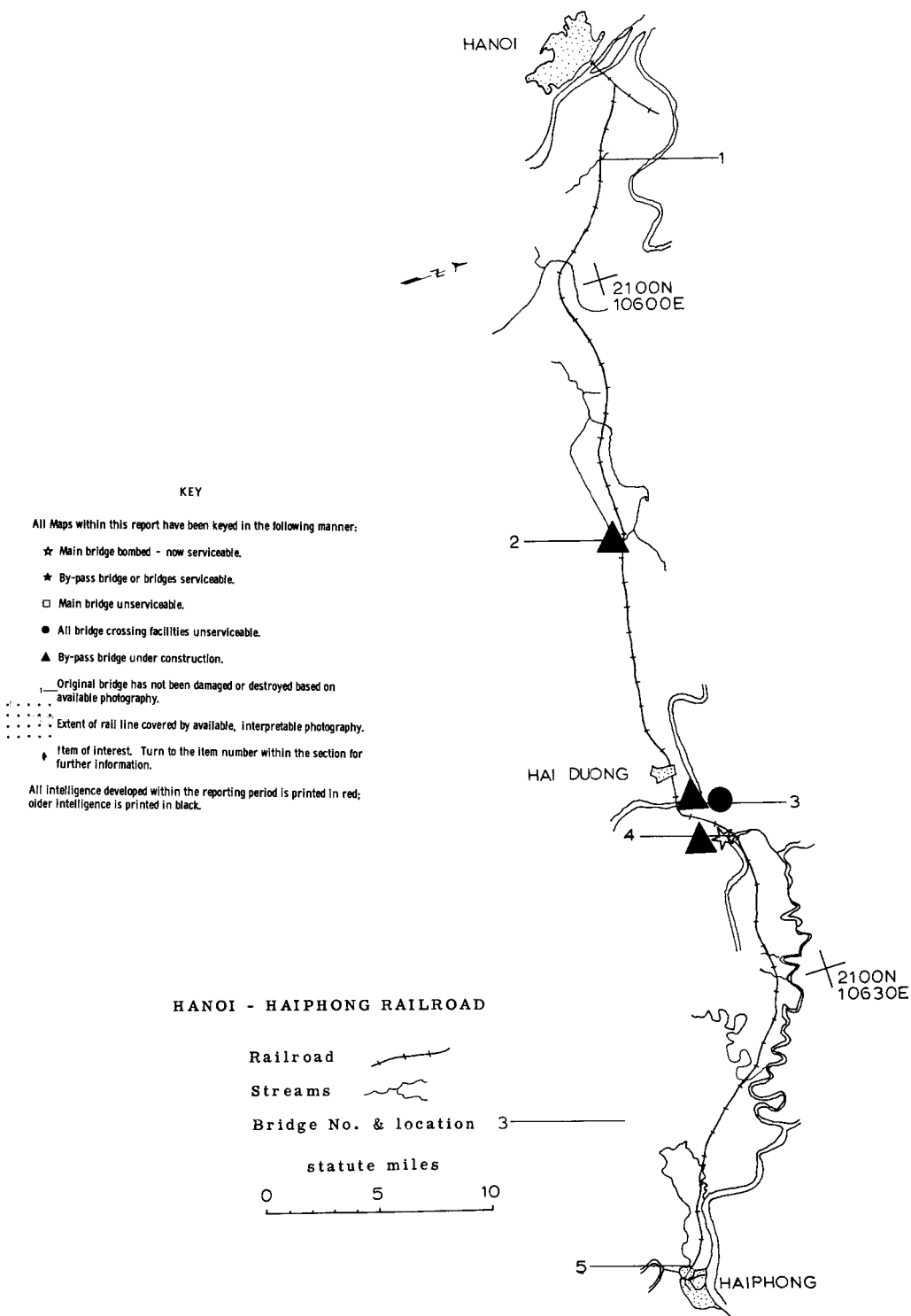


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FIGURE 12

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KEY

All Maps within this report have been keyed in the following manner:

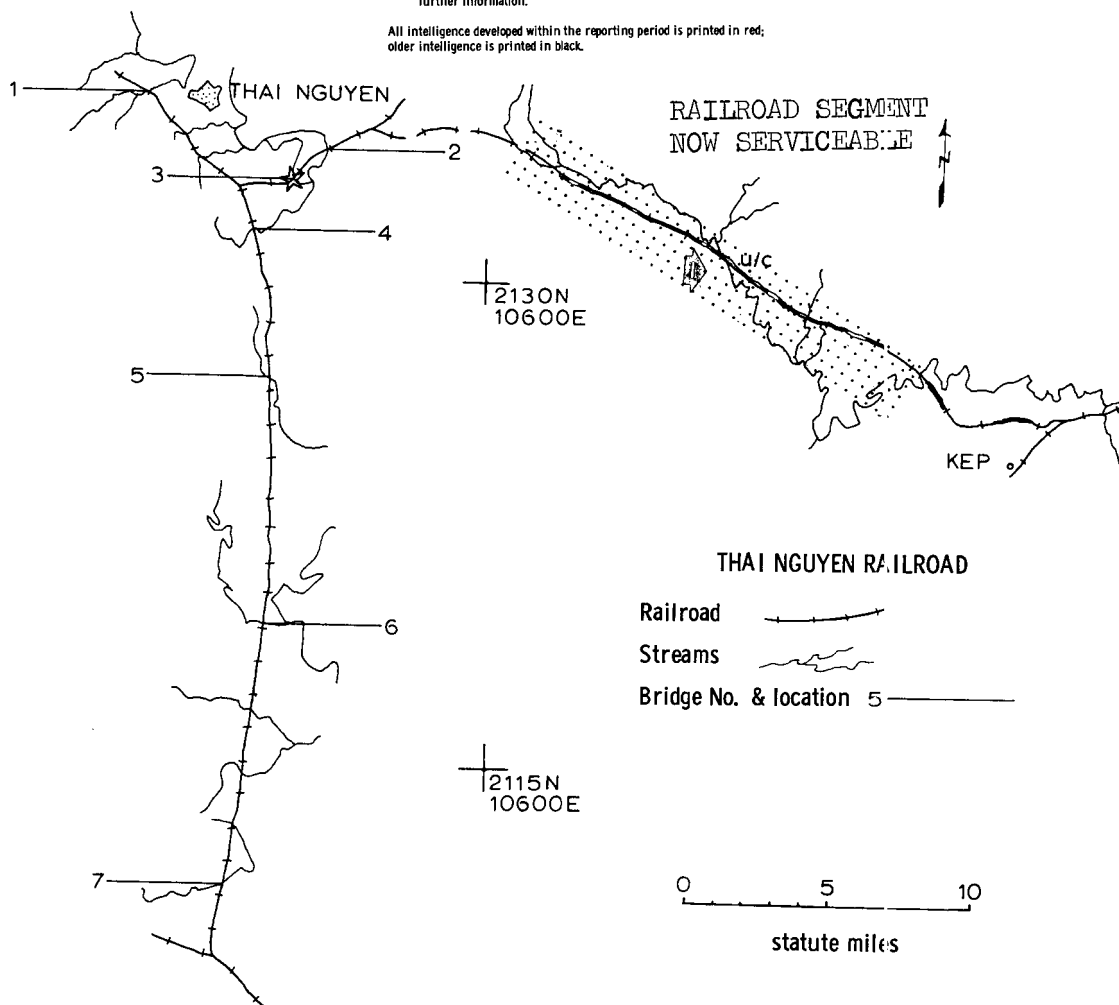
- ☆ Main bridge bombed - now serviceable.
- ★ By-pass bridge or bridges serviceable.
- Main bridge unserviceable.
- All bridge crossing facilities unserviceable.
- ▲ By-pass bridge under construction.

— Original bridge has not been damaged or destroyed based on available photography.

..... Extent of rail line covered by available, interpretable photography.

• Item of interest. Turn to the item number within the section for further information.

All intelligence developed within the reporting period is printed in red; older intelligence is printed in black.



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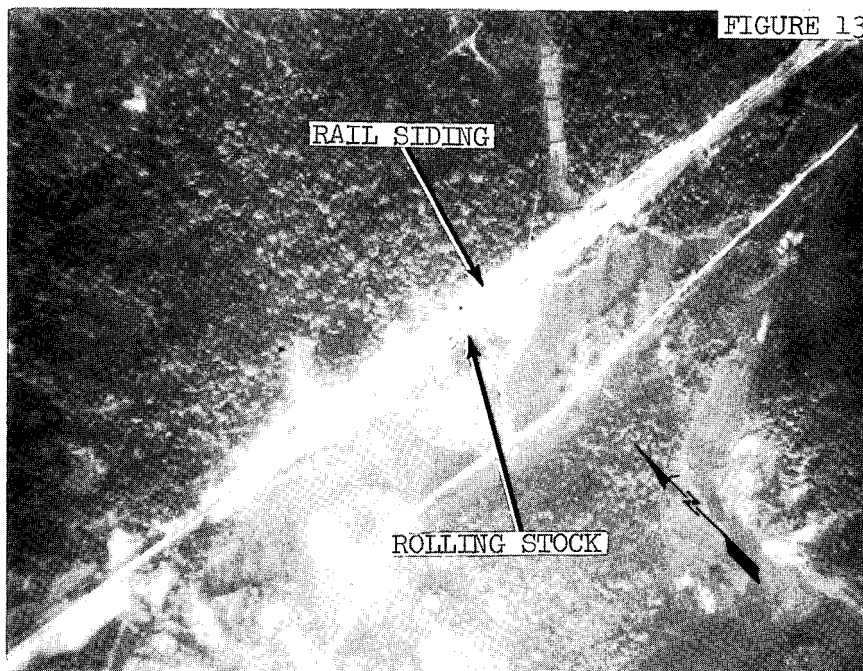
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ITEM OF INTEREST NO. 1: Thai Nguyen Rail Line
NAME : New Construction
BE : NA
COORDINATES : 21 33N - 106 02E, XJ 076839
PHOTO REFERENCE : [REDACTED]
MAP REFERENCE : JOG (A) 1501, NF 48-11

Photography [REDACTED] reveals additional construction on the Kep/Thai Nguyen Segment. The line is extended from its previously reported railhead at 21 27N - 106 13E, observed [REDACTED] to the limit of interpretable photography at 21 33N - 106 02E. A 3-track railyard at 21 31N - 106 07E contains approximately 30 pieces of rolling stock.



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